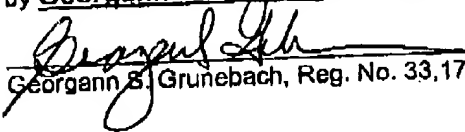


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PATENT
Docket No: PD-200084

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Donald C. D. Chang

Date: February 28, 2005

Serial No. 09/652,862

Group Art Unit: 2683

Filed: August 31, 2000

Examiner: Ewart, James D.

For: **RAPID ACQUISITION BY A GROUND-BASED BEAMFORMER**

REPLY BRIEF IN RESPONSE TO EXAMINER'S ANSWER

Mail Stop Appeal Brief - Patents
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Appellants have reviewed the Examiner's Answer mailed January 6, 2005, and submit the following remarks in response thereto.

FAX COVER SHEET



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Attention: Examiner: James D. Ewart

Supervisory Examiner: William Trost

UNITED STATES PATENT AND TRADEMARK
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Supervisory Examiner: William Trost

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 051-0031

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Total Number of Pages in This Submission

4

Application Number	09/652,862
Filing Date	August 31, 2000
First Named Inventor	Donald C.D. Chang
Art Unit	2683
Examiner Name	James D. Ewart
Attorney Docket Number	PD-200084

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input checked="" type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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Remarks

The Commissioner is authorized to charge Deposit Account 50-0383 of The DIRECTV Group, Inc. for Reply Brief Fee of \$600.00, as well as credit any over payment.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	The DIRECTV Group, Inc.		
Signature			
Printed name	Georgann S. Grunebach		
Date	February 28, 2005	Reg. No.	33,179

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Typed or printed name	Georgann S. Grunebach, Registration No. 33,179	Date	February 28, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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